

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

e Application of:

Yoo, et al.

Serial No.: 10/023,125

Confirmation No.: 4585

Filed:

December 17, 2001

For:

Pulse Nucleation Enhanced

Nucleation Technique for Improved Step Coverage and Better Gap Fill for

**WCVD Process** 

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Group Art Unit: 1765

Examiner:

Unknown

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 CERTIFICATE OF MAILING 37 CFR 1.8

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The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

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Respectfully submitted,

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Sheet 1 of

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Application Number	10/023,125
Filing Date	DECEMBER 17, 2001
First Named Inventor	YOO, ET AL.
Group Art Unit	1765
Examiner Name	UNKNOWN
Attorney Docket Number	AMAT/5730/TCG/WCVD/PJS
Submission Date	April 12, 2004

	FOREIGN PATENT DOCUMENTS									
	Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>				
	No.¹	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)								
	A1	EP 0 704 551 A1	03/04/1996	Applied Materials, Inc.						
	A2									
	А3									
	A4									
	A5									
	A6									

Examiner Date Considered

	NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	1 4 HEITH HUUK, HAMAZITE, IOUTHAL SERAL SYRDOSIUH, CALAIOU, ELC.), UALE, DAUELSI, VOIUHIE 1830E		T <sup>2</sup>		
	B1	PCT International Search Report for PCT/US03/22477, dated March 12, 2004 (AMAT/5730.PC.02).			
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